2219

# R/V DAN MOORE STATION LOG

| VESSEL (1) | STATION (2-5) | CRUISE NO. (6-8) | MO. (9-14) | DAY | YEAR | GRID (15-17) | LATITUDE (18-21) | LONGITUDE (22-25) |
|---|---|---|---|---|---|---|---|---|
| M | 2219 | 032 | 03 | 08 | 73 | 28AF | 3551 | 7528 |

| DEPTH (26-29) | SUR. TEMP. (30-31) | BTM TEMP. (32-33) | AIR TEMP (34-35) | BAROMETER (36-38) | BT (39) | WIND DIR. (40-41) | WIND SPD. (42-43) |
|---|---|---|---|---|---|---|---|
| 0011 | 06 | — | 10 | 026 | N | E | 10 |

| S.C. (44) | WEA. (45-46) | BTM TYPE (47-48) | BTM REG (49) | GEAR TYPE (50-51) | GEAR SIZE (52-54) | OP (55) | TM. START (56-57) | MIN. FISHED (58-60) |
|---|---|---|---|---|---|---|---|---|
| 3 | FG | SA | S | FT | 181 | — | 13 | 030 |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| 01 | 03200 | — | — | — |

| RIG (61-62) | TOTAL FINFISH (63-67) | TOTAL CRUSTACEANS (68-71) | TOTAL SHELLFISH (72-75) | TOTAL OTHER (76-80) |
|---|---|---|---|---|
| — | — | — | — | — |

| POSITION | LATITUDE | LONGITUDE | LORAN | | DEPTH fms | C/C | TIME ON STATION | |
|---|---|---|---|---|---|---|---|---|
| | | | 3H4 | 3H5 | | | PO | DO |
| START | 35° 51' | 75° 28' | 1420 | 2964 | 11 | | 1245 | 1247 |
| | | | | | | | PU | ON |
| FINISH | 35° 51' | 75° 26' | 1428 | 2962 | 12 | | 1317 | 1321 |

| LENGTH WARF | SHIFT RPM | PITCH | GEAR DATA: |
|---|---|---|---|
| 100 | 1350/5 2 | 50 | |

SPECIAL MODIFICATIONS

OPERATIONAL COMMENTS

OBSERVATIONS

tagged 20 Alewife, 24 blueback and 1 American shad. Saved 200 Lbs of juveniles.

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https://archive.org/details/danmoore221900unse

68.7 Lbs/basket
3,091.5 Lbs
Total
67
67
72

## R/V DAN MOORE SPECIES LIST - FINFISH

STATION NUMBER 2219

| CODE | SPECIES | NO. | WEIGHT | SIZE | |
|---|---|---|---|---|---|
| | Alosa aestivalis ✓ | many | 1300 | — refer to printout | |
| | Alosa pseudoharengus ✓ | many | 1300 | | |
| | Alosa sapidissima ✓ | many | 150 | | |
| | Bairdella chrysura | | | | |
| | Brevoortia tyrannus | | | | |
| | Carcharias taurus | | | | |
| | Centropristes straitus | | | | |
| | Centropristes philadelphicus | | | | |
| | Citharichthys arctifrons | | | | |
| | Clupea harengus ✓ | many | 400 | | |
| | Cynoscion nebulosus | | | | |
| | Cynoscion regalis | | | | |
| | Etrumeus sadina | | | | |
| | Lagodon rhomboides | | | | |
| | Larimus fasciatus | | | | |
| | Leiostomus xanthurus | | | | |
| | Lophius americanus | | | | |
| | Menticirrhus americanus | | | | |
| | Menticirrhus littoralis | | | | |
| | Menticirrhus saxatilis | | | | |
| | Micropogon undulatus | | | | |
| | Monocanthus hispidus | | | | |
| | Mustelus canis | | | | |
| | Orthopristis chrysopterus | | | | |
| | Paralichthys dentatus | | | | |
| | Paralichthys lethostigma | | | | 3,150 lbs |
| | Peprilus alepidotus | | | | total |
| | Peprilus paru | | | | |
| | Pomatomous saltatrix | | | | |
| | Poronotus triacanthus | | | | 45 baskets |
| | Prionotus carolinus | | | | total |
| | Prionotus evolans | | | | |
| | Raja eglanteria | | | | |
| | Raja erinacea | | | | |
| | Raja garmani | | | | Turn loose |
| | Roccus saxatilis | | | | 15 basket |
| | Scomberomorous cavalla | | | | |
| | Scomberomorous maculatus | | | | |
| | Sphaeroides maculatus | | | | |
| | Stenotomus chrysops | | | | |
| | Synodus foetens | | | | |
| | Squalus acanthias ✓ | 10 | 50 | | |
| | Squatina dumerili | | | | |
| | Urophycis regius | | | | |

19 Sea Herin to a basket

Baskets

# American Shad

| STATION | DATE | Length (cm) | Weight gms | Sex | Scales | Age | Spawning Marks | # |
|---|---|---|---|---|---|---|---|---|
| 2236✓ | 3/14/73 | 45.6 | 1750 | ♀ III | ✓ ? | 6-8 unreadable | 2 | 1 |
| " | " | 49.7 | 2350 | ♀ III | ✓ ? | 4A-1S+=6 | 1 | 2 |
| " | " | 44.9 | 1200 | ♂ | ✓ | 4A-2S+=7 | 2 | 3 |
| 2232✓ | 3/14/73 | 23.7 | 188 | ♀ IM | ✓ ? | 1A+=2 | 0 | 4 |
| 33✓ | " | 38.1 | 872 | ♂ | ✓ | 4A-4S+=9 | 4 | 5 |
| 2222✓ | 3/9/73 | 14.8 | 40 | ♂ | — | — | — | 6 |
| " | " | 23.6 | 182 | ♂ | — | — | — | 7 |
| " | " | 24.1 | 178 | ♀ I | — | — | — | 8 |
| " | " | 26.2 | 218 | ♂ | — | — | — | 9 |
| " | " | 23.3 | 180 | ♀ IM | — | — | — | 10 |
| " | " | 25.5 | 209 | ♀ I | — | — | — | 11 |
| 2250✓ | 3/16/73 | 20.3 | 108 | ♀ IM | — | — | — | 12 |
| 2222✓ | 3/9/73 | 24.0 | 192 | ♀ IM | — | — | — | 13 |
| " | " | 23.0 | 156 | ♂ | — | — | — | 14 |
| " | " | 26.0 | 230 | ♀ IM | — | — | — | 15 |
| " | " | 24.6 | 198 | ♀ IM | — | — | — | 16 |
| " | " | 23.7 | 186 | ♀ IM | — | — | — | 17 |
| " | " | 28.7 | 340 | ♀ IM | — | — | — | 18 |
| " | " | 25.0 | 215 | ♂ | — | — | — | 19 |
| " | " | 23.0 | 162 | ♂ | — | — | — | 20 |
| " | " | 24.5 | 210 | ♀ IM | — | — | — | 21 |
| " | " | 24.6 | 200 | ♀ IM | — | — | — | 22 |
| " | " | 24.0 | 196 | ♀ IM | — | — | — | 23 |
| " | " | 23.8 | 208 | ♂ | ✓ | 3A+=4 | 0 | 24 |
| 2212✓ | 3/1/73 | 39.5 | 1122 | ♂ | — | — | — | 25 |
| 2217✓ | 3/8/73 | 15.3 | 42 | ♀ IM | — | — | — | 26 |
| " | " | 15.0 | 39 | ♀ IM | — | — | — | 27 |
| " | " | 15.7 | 47 | ♀ IM | ✓ | 1A=1 | 0 | 28 |
| " | " | 13.2 | 26 | ♀ IM | — | — | — | 29 |
| " | " | 15.5 | 46 | ♀ IM | — | — | — | 30 |
| " | " | 15.1 | 43 | ♀ IM | — | — | — | 31 |
| " | " | 16.3 | 49 | ♀ IM | — | — | — | 32 |
| " | " | 16.0 | 52 | ♀ IM | — | — | — | 33 |
| " | " | 15.1 | 42 | ♀ IM | — | — | — | 34 |
| " | " | 13.3 | 28 | ♀ IM | — | — | — | 35 |
| " | " | 15.2 | 52 | ♀ IM | — | — | — | 36 |
| " | " | 12.7 | 23 | — | — | — | — | 37 |
| " | " | 23.1 | 155 | ♀ IM | — | — | — | 38 |
| " | " | 29.5 | 334 | ♂ | — | — | — | 39 |
| 2219✓ | 3/8/73 | 25.4 | 216 | ♀ IM | — | — | — | 40 |
| " | " | 25.6 | 223 | ♂ | ✓ | 3A-1S+=5 | 1 | 41 |
| " | " | 22.9 | 158 | ♀ IM | — | — | — | 42 |
| " | " | 22.5 | 154 | ♀ IM | — | — | — | 43 |
|  |  |  |  |  |  |  |  | 44 |
|  |  |  |  |  |  |  |  | 45 |
|  |  |  |  |  |  |  |  | 46 |
|  |  |  |  |  |  |  |  | 47 |
|  |  |  |  |  |  |  |  | 48 |
|  |  |  |  |  |  |  |  | 49 |
|  |  |  |  |  |  |  |  | 50 |
|  |  |  |  |  |  |  |  | 51 |
|  |  |  |  |  |  |  |  | 52 |
|  |  |  |  |  |  |  |  | 53 |
|  |  |  |  |  |  |  |  | 54 |

STATION 2219 3/8/73

SAmple 48.60 pounds

| Blueback Herring (401) |  | Alewife (74)<br>5 pounds | (2) American Shad<br>90 grams |
|---|---|---|---|
| FL | 41.60 pounds | FL | FL |
| 167 |  | 134 | 152 |
| 165 |  | 130 | 158 |
| 167 |  | 137 |  |
| 170 |  | 138 |  |
| 150 |  | 103 |  |
| 111 |  | 110 |  |
| 170 |  | 135 |  |
| 165 |  | 125 |  |
| 170 |  | 160 |  |
| 170 |  | 141 |  |
| 180 |  | 137 |  |
| 162 |  | 137 |  |
| 173 |  | 135 |  |
| 150 |  | 135 |  |
| 172 |  | 145 |  |
| 178 |  | 144 |  |
| 172 |  | 123 |  |
| 178 |  | 136 |  |
| 163 |  | 138 |  |
| 175 |  | 122 |  |
| 105 |  | 122 |  |
| 172 |  | 135 |  |
| 115 |  | 140 |  |
| 165 |  | 125 |  |
| 170 |  | 145 |  |
| 120 |  | 142 |  |
| 166 |  | 140 |  |
| 182 |  | 138 |  |
| 168 |  | 130 |  |
| 100 |  | 135 |  |
| 204 | LargesT |  |  |

140
261
401

## ANADROMOUS FISH TAGGING & RELEASE DATA

Station No. 2219

Date 3/8/73

Area of Release [illegible] Inlet

LORAN Start 1420 2964

Finish [illegible]

Tot. Fish Captured 32,000 (2,000 [illegible], 4,400 [illegible], 100 Am S)

Tot. Fish Tagged 45 (21 BB, 20 Al, 1 Am S [illegible])

No. Retained for analysis 16 (5 BB) (7 Al) 4 (Am S)

Gear Type [illegible]

Analyzed 401 [illegible]
weight & length

| TAG. NO. | Weight Lbs. | Weight Ozs. | F.L. (cm) | Species | Remarks |
|---|---|---|---|---|---|
| [illegible] | | | | [illegible] | |
| 896 | | | | Blueback | |
| 897 | | | | [illegible] | |
| 899 | | | | 11 | |
| 900 | | | | Blueback | |
| 901 | | | | Alewife | |
| 902 | | | | BB | |
| 903 | | | | BB | |
| 904 | | | | BB | |
| 905 | | | | BB | |
| 906 | | | | Alw | |
| 907 | | | | BB | |
| 908 | | | | BB | |
| 909 | | | | BB | |
| 910 | | | | BB | |
| 911 | | | | BB | |
| 912 | | | | BB | |
| 913 | | | | Alw | |
| 914 | | | | Alw | |
| 915 | | | | Am Shad | |
| 916 | | | | BB | |
| 917 | | | | Alw | |
| 918 | | | | Alw | |
| 919 | | | | Alw | |
| 920 | | | | BB | |
| 921 | | | | BB | |
| 922 | | | | Alw | |
| 923 | | | | BB | |
| 924 | | | | BB | |
| 925 | | | | BB | |
| 926 | | | | Alw | |
| 927 | | | | Alw | |
| 928 | | | | BB | |
| 929 | | | | BB | |
| 930 | | | | Alw | |
| 931 | | | | Alw | |
| 932 | | | | Alw | |
| 933 | | | | BB | |
| 934 | | | | Alw | |
| 935 | | | | BB | |
| 936 | | | | BB | |
| 937 | | | | Alw | |
| 138 | | | | Alw | |
| 137 | | | | Alw | |
| 9510 | | | | BB | |

# Alewife

| STATION | DATE | LENGTH (MM) | WEIGHT (g) | SEX | SCALES | AGE | SPAWNING MARKS | # |
|---|---|---|---|---|---|---|---|---|
| 2219✓ | 3/8/73 | 233 | 189 | ♀ II | ✓ | 3A+=4 | O | 163 |
| " | " | 210 | 125 | ♂ | — | — | — | 164 |
| " | " | 205 | 151 | ♂ | — | — | — | 165 |
| " | " | 225 | 187 | ♀ III | ✓ | unreadable | — | 166 |
| " | " | 231 | 223 | ♀ III | ✓ | 4A+=5 | O | 167 |
| " | " | 210 | 148 | ♂ | — | — | — | 168 |
| " | " | 240 | 226 | ♀ III | — | — | — | 169 |
| 2273✓ | 4/3/73 | 107 | 200 | ♀ I | — | — | — | 170 |
| " | " | 216 | 143 | ♂ | — | — | — | 171 |
| " | " | 190 | 101 | ♀ IM | — | — | — | 172 |
| " | " | 233 | 178 | ♀ I | — | — | — | 173 |
| " | " | 220 | 148 | ♀ I | — | — | — | 174 |
| " | " | 224 | 161 | ♀ I | — | — | — | 175 |
| " | " | 217 | 158 | ♂ | — | — | — | 176 |
| " | " | 215 | 146 | ♀ I | — | — | — | 177 |
| " | " | 237 | 198 | ♂ | — | — | — | 178 |
| " | " | 212 | 144 | ♂ | — | — | — | 179 |
| " | " | 214 | 136 | ♂ | — | — | — | 180 |
| " | " | 202 | 118 | ♀ I | — | — | — | 181 |
| " | " | 207 | 141 | ♂ | — | — | — | 182 |
| " | " | 207 | 129 | ♀ I | — | — | — | 183 |
| " | " | 217 | 132 | ♀ I | — | — | — | 184 |
| " | " | 213 | 134 | ♂ | — | — | — | 185 |
| " | " | 210 | 142 | ♀ I | — | — | — | 186 |
| " | " | 182 | 76 | ♀ I | — | — | — | 187 |
| " | " | 205 | 107 | ♂ | — | — | — | 188 |
| " | " | 202 | 116 | ♂ | — | — | — | 189 |
| " | " | 217 | 142 | ♂ | — | — | — | 190 |
| " | " | 200 | 109 | ♂ | — | — | — | 191 |
| " | " | 185✓ | 90 | ♀ I | — | — | — | 192 |
| " | " | 218 | 152 | ♀ II | — | — | — | 193 |
| " | " | 183 | 95 | ♂ | — | — | — | 194 |
| " | " | 232 | 166 | ♀ I | — | — | — | 195 |
| " | " | 214 | 134 | ♀ I | — | — | — | 196 |
| " | " | 215 | 143 | ♀ I | — | — | — | 197 |
| " | " | 207 | 122 | ♀ I | — | — | — | 198 |
| " | " | 185 | 90 | ♂ | — | — | — | 199 |
| " | " | 217 | 143 | ♂ | — | — | — | 200 |
| " | " | 201 | 109 | ♂ | — | — | — | 201 |
| " | " | 265 | 254 | ♀ I | — | — | — | 202 |
| " | " | 219 | 147 | ♂ | — | — | — | 203 |
| " | " | 197 | 106 | ♀ I | — | — | — | 204 |
| " | " | 185 | 91 | ♀ I | ✓ — | — | — | 205 |
| " | " | 216 | 126 | ♀ I | — | — | — | 206 |
| " | " | 204 | 130 | ♂ | — | — | — | 207 |
| " | " | 220 | 152 | ♀ I | — | — | — | 208 |
| " | " | 204 | 127 | ♂ | BVE ✓ | 4A+=5 | O | 209 |
| " | " | 197 | 118 | ♀ I | — | — | — | 210 |
| " | " | 214 | 151 | ♀ I | — | — | — | 211 |
| " | " | 213 | 141 | ♂ | — | — | — | 212 |
| " | " | 215 | 124 | ♀ I | — | — | — | 213 |
| " | " | 203 | 116 | ♀ I | — | — | — | 214 |
| " | " | 204 | 119 | ♂ | — | — | — | 215 |
| " | " | 226✓ | 144 | ♂ | — | — | — | 216 |

# Blue back Herring

| STATION | DATE | length (mm) | weight (g) | sex | scales | Age | Spawning marks | | # |
|---|---|---|---|---|---|---|---|---|---|
| 2250✓ | 3/16/73 | 254 | 254 | ♀ II | — | — | — | | 487 |
| " | " | 244 | 212 | ♀ II | ✓ | unreadable | — | | 488 |
| " | " | 248 | 212 | ♂ | — | — | — | | 489 |
| " | " | 234 | 193 | ♂ | — | — | — | | 490 |
| " | " | 222 | 174 | ♂ | ✓ | 4At=5 | 0 | | 491 |
| " | " | 221 | 146 | ♂ | — | — | — | | 492 |
| " | " | 148 | 228 | ♂ | — | — | — | | 493 |
| " | " | 242 | 220 | ♂ | ✓ | 4A-1St=6 | 1 | | 494 |
| " | " | 236 | 197 | ♂ | — | — | — | | 495 |
| " | " | 240 | 201 | ♀ II | — | — | — | | 496 |
| " | " | 230 | 180 | ♂ | — | — | — | | 497 |
| " | " | 230 | 160 | ♂ | — | — | — | | 498 |
| " | " | 273 | 320 | ♀ II | — | — | — | | 499 |
| " | " | 247 | 234 | ♂ | ✓ | 4A-1St=6 | 1 | | 500 |
| " | " | 255 | 249 | ♀ III | ✓ | unreadable | — | | 501 |
| " | " | 246 | 228 | ♀ III | ✓ | 4A-1St=6 | 1 | | 502 |
| 2222✓ | 3/9/73 | 225 | 177 | ♂ | ✓ | 3At=4 | 0 | | 503 |
| " | " | 280 | 301 | ♀ II | ✓ | unreadable | — | | 504 |
| " | " | 226 | 181 | ♂ | ✓ | 4At=5 | 0 | | 505 |
| " | " | 254 | 257 | ♀ II | ✓ | unreadable | — | | 506 |
| " | " | 224 | 167 | ♂ | ✓ | 5At=6 | — | | 507 |
| " | " | 262 | 285 | ♀ III | ✓ | 4A-2St=7✓ | 2 | | 508 |
| " | " | 257 | 259 | ♀ II | ✓ | 4A-2St=7 | 2 | | 509 |
| " | " | 236 | 222 | ♂ | ✓ | 4A-1St=6 | 1 | ✓ | 510 |
| " | " | 235 | 191 | ♂ | ✓ | 4A-1S=6 | 1 | | 511 |
| " | " | 253 | 262 | ♀ II | ✓ | 4A-2St=7 | 2 | | 512 |
| 2217✓ | 3/8/73 | 257 | 264 | ♂ | ✓ | unreadable | — | | 513 |
| " | " | 230 | 201 | ♂ | ✓ | 4At=5 | 0 | | 514 |
| " | " | 238 | 226 | ♂ | ✓ | unreadable | — | | 515 |
| " | " | 270 | 299 | ♀ III | ✓ | No scales | — | | 516 |
| 2219✓ | 3/8/73 | 250 | 267 | ♂ | ✓ | unreadable | — | | 517 |
| " | " | 250 | 272 | ♀ II | ✓ | 4A-1St=6 | 1 | | 518 |
| " | " | 243 | 241 | ♂ | ✓ | unreadable | — | | 519 |
| " | " | 220 | 158 | ♂ | ✓ | unreadable | | | 520 |
| " | " | 228 | 184 | ♂ | ✓ | 3At=4 | 0 | | 521 |
| 2272✓ | 4/3/73 | 272 | 310 | ♀ III | ✓ | 4A-3St=8 | 3 | | 522 |
| " | " | 240 | 205 | ♂ | ✓ | 5At=6 | 0 | | 523 |
| " | " | 251 | 212 | ♂ | ✓ | 4A-1St=6 | 1 | | 524 |
| " | " | 260 | 280 | ♀ III | ✓ | 4A-3St=8 | 3 | | 525 |
| " | " | 268 | 300 | ♀ III | ✓ | 3A-4St=8 | 4 | | 526 |
| " | " | 236 | 185 | ♂ | ✓ | 4A-1St=6 | 1 | | 527 |
| " | " | 230 | 180 | ♂ | ✓ | 4At=5 | 0 | | 528 |
| " | " | 246 | 218 | ♀ III | ✓ | 4A-1St=6 | 1 | | 529 |
| " | " | 235 | 216 | ♂ | ✓ | 3A-2St=6 | 2 | | 530 |
| " | " | 287 | 362 | ♀ III | ✓ | 3A-5St=9 | 5 | | 531 |
| " | " | 277 | 298 | ♀ II | ✓ | 4A-2St=7 | 2 | | 532 |
| " | " | 280 | 332 | ♂ | ✓ | 4A-3St=8 | 3 | | 533 |
| 2273✓ | 4/3/73 | 113 | 17 | ♀ Im | ✓ | 1At=2 | 0 | | 534 |
| " | " | 114 | 18 | ♀ ? Im | ✓ | 1At=2 | 0 | | 535 |
| " | " | 125 | 22 | ♀ Im | ✓ | 1At=2 | 0 | | 536 |
| " | " | 150 | 39 | ♀ Im | ✓ | 2At=3 | 0 | | 537 |
| 2271✓ | 4/3/73 | 257 | 226 | ♀ II | ✓ | unreadable | — | | 538 |
| " | " | 258 | 257 | ♀ II | ✓ | 4A-2St=7 | 2 | | 539 |
| 2274✓ | 4/4/73 | 240 | 179 | ♂ | ✓ | 5A-3St=9 | 3 | | 540 |

STATION 2219 3/8/73

SAMPLE 48.60 pounds

Blueback Herring (401) 41.60 pounds

Alewife (74) 5 pounds

(2) American Shad 90 grams

| Blueback Herring FL | Alewife FL | American Shad FL |
|---|---|---|
| 167 | 134 | 152 |
| 165 | 130 | 158 |
| 167 | 137 | |
| 170 | 138 | |
| 150 | 103 | |
| 111 | 110 | |
| 170 | 135 | |
| 165 | 125 | |
| 170 | 160 | |
| 170 | 141 | |
| 180 | 137 | |
| 162 | 137 | |
| 173 | 135 | |
| 150 | 135 | |
| 172 | 145 | |
| 178 | 144 | |
| 172 | 123 | |
| 178 | 136 | |
| 163 | 138 | |
| 175 | 122 | |
| 105 | 122 | |
| 172 | 135 | |
| 115 | 140 | |
| 165 | 125 | |
| 170 | 145 | |
| 120 | 142 | |
| 166 | 140 | |
| 182 | 138 | |
| 168 | 130 | |
| 100 | 135 | |
| 204 Largest | | |

140
261
401

2219